

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims **1,3-4,6-7,9,12-13,22** are rejected under 35 U.S.C. 102(b) as being anticipated by Kobayashi, U.S. 6,056,408.

Considering claim 1, the claimed:

a) a video projection light outputting unit operable to output a video projection light for displaying a video image, is met by the projection light source 38 (Figs. 6,13) from the optical image within the optical system control device 8 (Fig.2).

b) an image receiving unit operable to display the video image by receiving the video projection light, is met by the screen with coordinate input device 3, Fig.2;

c) a displacement deriving unit operable to detect a display position of the video image to be displayed on said image receiving unit, and to derive a displacement of the display position of the video image, is met by the image processing (deviation detecting means) 12, Fig.2 which detects positional deviation of the projected image (abstract; col. 6, lines 25+) and the image pickup device 1 which picks up image displayed on the screen 3.

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d) a video projection light controlling unit operable to control an output mode of the video projection light so as to suppress the displacement derived by said displacement deriving unit, is met by the controller 9 which controls the optical system 8 on the basis of parameter information of the three deviation elements sent from the deviation detecting means 12. (See, *Fig.2; col. 6, lines 33+*).

Regarding claim 3, see rejection of claim 1c.

Considering claims 4 and 6, Kobayashi discloses the controller 9.

Regarding claim 7, Kobayashi discloses the controller 9.

Considering claim 9, Kobayashi discloses the optical system control device which projects light and the receiving unit including screen 3 (*Fig.2*).

Regarding claim 12, Kobayashi discloses the optical system control device and the total reflecting mirrors 49,50,51 as illustrated in *Fig. 7a*.

Considering claim 13, the claimed

a) the distortion detecting unit is met by the image processing (deviation detecting means) 12, *Fig.2* which detects positional deviation of the projected image (abstract; *col. 6, lines 25+*).

b) the controlling unit is further operable to control an output mode of the video projection light so as to suppress the distortion in the video image detected by the distortion detecting unit, is met by the controller 9 which controls the optical system 8 on the basis of parameter information of the three deviation elements sent from the deviation detecting means 12. (see, Fig.2; col. 6, lines 33+).

Considering claim 22, Kobayashi discloses the trigger switch 11 (see col. 7, line 1+);

Allowable Subject Matter

3. Claims **2, 5, 8,10-11, 14-21** are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Asamura, U.S. 6,853,354 discloses a multi display projector.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to PAULO S M. NATNAEL whose telephone number is (571)272-7354. The examiner can normally be reached on 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Ometz can be reached on (571)272-7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/PAULOS M. NATNAEL/
Primary Examiner, Art Unit 2622

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